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TRANSMITTAL FORM

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		Application Number	09/287,654
		Filing Date	04-07-1999
		First Named Inventor	PATRICK W. DOWD
		Group Art Unit	2785
		Examiner Name	
Total Number of Pages in This Submission	17	Attorney Docket Number	DOWD 3-3

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> U.S. PAT. NO.
<input checked="" type="checkbox"/> SUPPLEMENTAL Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> 5,842,040
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	NATIONAL SECURITY AGENCY	
Signature	Robert D. Morelli	
Date	09-21-2000	

CERTIFICATE OF MAILING

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Typed or printed name	ROBERT D. MORELLI	
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

1. U.S. Pat. No. 5,842,040, entitled "POLICY CACHING METHOD AND APPARATUS FOR USE IN A COMMUNICATION DEVICE BASED ON CONTENTS OF ONE DATA UNIT IN A SUBSET OF RELATED DATA UNITS," discloses a device for and method of receiving a stream of protocol data units (PDUs), grouping the PDUs as related PDUs based on some selection criteria, analyzing one of these PDUs, identifying which policy from a group of policies should be applied to the related PDUs, storing information concerning the identified policy, and applying the identified policy to the related PDUs based on the information stored concerning the identified policy. The present invention (U.S. Pat. Appl. Ser. No. 09/287,655) does not group PDUs, does not determine whether or not one PDU is related to another PDU, does not identify one policy from a group of policies, does not store information concerning the identified policy, and does not apply the identified policy to the related PDUs based on the stored information. In addition, the present invention does at least the following steps that U.S. Pat. No. 5,842,040 does not:

- a) initializing a database, a connection-oriented network approved list, a connectionless network approved list, and a connectionless network disapproved list, where the database contains rules for allowing and denying access concerning connection-oriented network flows and connectionless network flows, where the connection-oriented network approved list includes approvals of connection-oriented network signaling segments and connection-oriented network data segments that exclude a connectionless network packet segment, where the connectionless network approved list includes approvals of flows of connection-oriented network data segments that include a connectionless network packet segment, where the connectionless network disapproval list includes disapprovals of connection-oriented network data segments that include a connectionless network packet segment, and where connection-oriented network signaling segments and connection-oriented network data segments may include a request to establish a transmission path;
- b) receiving a datagram;
- c) discarding the datagram and returning to step (b) if the datagram is not on the connection-oriented network approved list;
- d) determining the datagram's type;
- e) comparing the corresponding request to establish the transmission path, if any, to the database if the datagram is a connection-oriented network signaling segment;
- f) returning to step (b) if the datagram is a connection-oriented network signaling segment and the database denies the request to establish the transmission path, if any;
- g) allowing access to the information processing network, adding the requested transmission path, if any, to the connection-oriented network approved list, and returning to step (b) if the datagram is a connection-oriented network signaling segment and the database approves the request to establish the transmission path, if any;
- h) allowing the datagram access to the information processing network and returning to step (b) if the datagram is a connection-oriented network data segment that excludes an IP packet segment and is on the connection-oriented network approved list;

- i) computing a flow tag if the datagram is a connection-oriented network data segment that includes a connectionless network packet segment;
- j) discarding the datagram and returning to step (b) if the flow tag is on the connectionless network disapproved list;
- k) allowing the datagram access to the information processing network and returning to step (b) if the flow tag is on the connectionless network approved list;
- l) comparing the flow tag to the database if the flow tag is not on the connectionless network approved list and is not on the connectionless network disapproved list;
- m) discarding the datagram, adding the flow tag to the connectionless network disapproved list, and returning to step (b) if the database rejects the flow tag; and
- n) allowing the datagram access to the information processing network, adding the flow tag to the connectionless network approved list, and returning to step (b) if the database accepts the flow tag.